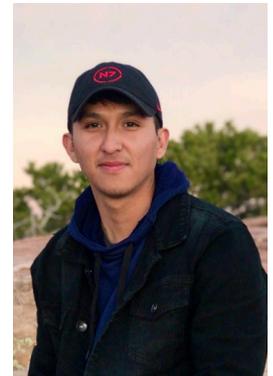




Tribal Climate Resilience Program Overview

TCRP Coordinator & Climate Science Coordinator: Rachael Novak
Natural Resources Specialists: Alyssa Samoy & Corwin Carroll

April 28, 2021



Tribal Climate Resilience Program (TCRP) Awards Overview

1. Purpose
2. Solicitation
3. Helpful Resources and Partnerships
4. Financial Assistance vs 638 Contracts
5. Notable Items

TCRP Purpose

Empower Federally-recognized tribes and BIA Trust managers to achieve long-term program goals by **mainstreaming climate change considerations to reduce risk to tribal and Trust resources.**

- Enable identification of climate resilience strategies to improve outcomes for existing program operations
 - Planning and project design can minimize impacts, reduce the scale of emergencies, infrastructure damage, and threats to human health and well-being
 - Leadership engagement, delivery of data and tools, training, tribal capacity-building and federal coordination for improved planning and management
- * Implementation is largely the responsibility of the Tribal Program**



TCRP Focus Areas

TCRP supports resilient **adaptation planning** for climate risks

TCRP supports **management, and relocation, managed retreat and protect-in-place planning** in coastal and riverine communities

TCRP also supports **ocean and coastal management and planning**

- Includes Great Lakes tribes



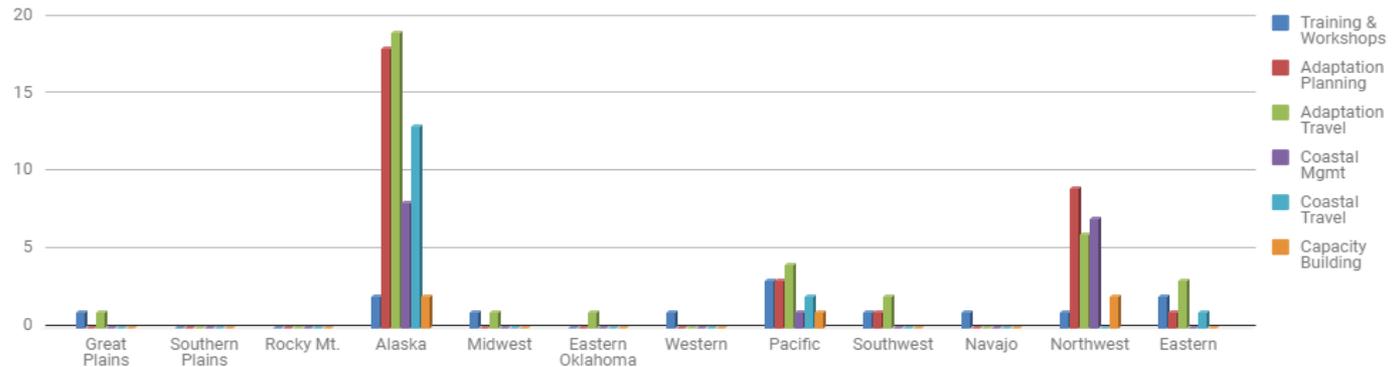


Awards Program

TRP Awards Across Indian Country

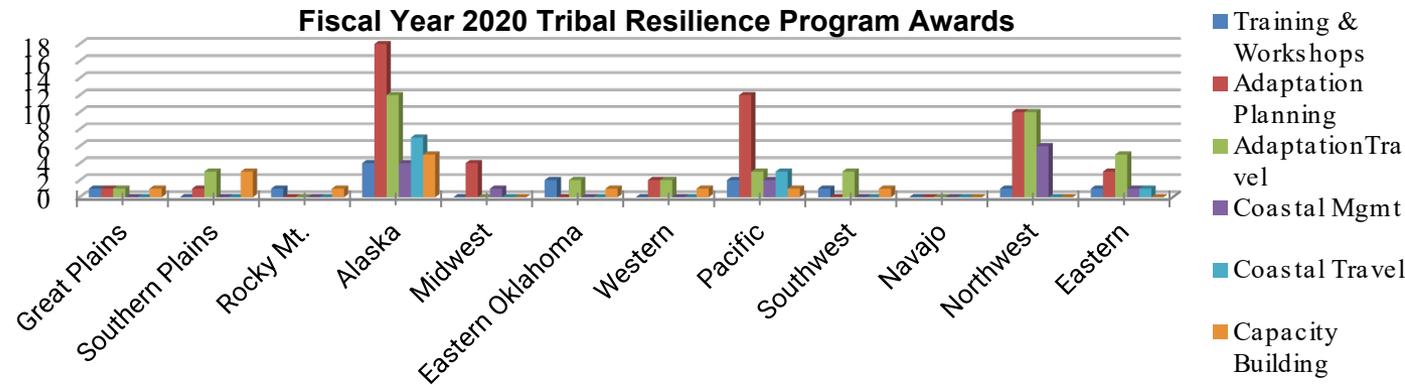
2019

Number of Awards: 119
Amount Awarded: \$8.7M



2020

Number of Awards: 159
Amount Awarded: \$14.4M



- Since 2011, 703 awards, worth over \$60 million
- Annual awards budget ~\$8-15 million (Congress appropriated)

2021 Categories of Funding

Adaptation Planning (Categories 1-3)

- Cat 1: Trainings and Workshops (\$150,000 max)
- Cat 2: Adaptation Planning (\$150,000 max)
- Cat 3: Travel Support for Adaptation Planning (\$15,000 max)

Ocean & Coastal Management Planning (Categories 4-5)

- Cat 4: Ocean & Coastal Management Planning (max \$150,000)
- Cat 5: Travel Support for Ocean & Coastal (\$15,000)

Capacity Building to develop a Category 2 proposal
(Category 6- \$65,000)

Relocation, Managed Retreat, & Protect-in-Place Planning
(Category 7- \$150,000)

Internships & Youth Engagement (Categories 8-9)

- Cat 8: Internships (\$50,000)
- Cat 9: Youth Engagement (\$50,000)



Solicitation on Grants.gov

Open to **Federally-recognized tribes and tribal organizations that serve federally recognized tribes** as defined in 25 U.S.C. 5304(I)

- Solicitation Opportunity Number: TEMP-11663
- Posted 02/22/2021, NOW Closes 04/28/2021- extended
- Federal Register list of Federally-recognized tribes (01/29/2021): <https://www.federalregister.gov/documents/2021/01/29/2021-01606/indian-entities-recognized-by-and-eligible-to-receive-services-from-the-united-states-bureau-of>
- Other entities may participate as sub-grantees



Where to find more information

Find the solicitation two places:

- Grants.gov: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=331566>
- TCRP site homepage: <https://www.bia.gov/bia/ots/tribal-climate-resilience-program>

2021

Award Summary

The BIA Tribal Climate Resilience Program is pleased to announce the 2021 Notice of Funding Opportunity. Application materials and the official solicitation may be found below. This year, Federally recognized tribes and authorized tribal organizations may apply directly on the Grants.gov **Grant Opportunity**. There are now nine Categories of funding. See below:

Solicitation

Proposal Cover Page

FAQ's

Optional Application Forms (fillable pdf) for:

Category 3

Adaptation Planning
Travel

Category 5

Ocean and Coastal
Management Travel

Category 6

Capacity Building

Category 8-9

Internships and Youth
Engagement





Training

Trainings and Workshops

Training Partner: Northern Arizona University's Institute for Tribal Environmental Professionals (ITEP) Climate Change Program

- Tribal Climate Change 101 Trainings- 11 since 2017
- Advanced Climate Change 201 Cohort Groups-3 since 2019
- Biennial Virtual National Tribal and Indigenous Climate Conference 2020- 1,700 attendees, 230 tribes





Technical Support and Reports

Regional Support–DOI Climate Adaptation Science Centers

“Partnership-driven program that teams scientific researchers with natural and cultural resource managers and local communities to help fish, wildlife, waters, and lands across the country adapt to changing conditions.”

<https://www.usgs.gov/ecosystems/climate-adaptation-science-centers>



Projects by Region



Wildlife and Plants



Drought, Fire and Extreme Weather



Water, Coasts and Ice



Landscapes



Native Communities



Science Tools for Managers



Webinars

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI Climate Adaptation Science Centers (CASCs)



Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI
Climate Adaptation Science Centers (CASCs)



- Casey Thornbrugh, United Southern and Eastern Tribes
- NE/SE CASC Tribal Climate Resilience Liaison

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI Climate Adaptation Science Centers (CASCs)



- Sara Smith, College of Menominee Nation
- NE (Midwest) CASC Tribal Climate Resilience Liaison

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI Climate Adaptation Science Centers (CASCs)



- April Taylor, Chickasaw Nation of OK
- South Central CASC Tribal Liaison

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI
Climate Adaptation Science Centers (CASCs)



- Stefan Tangen, Great Plains Tribal Water Alliance
- North Central CASC Tribal Climate Resilience Liaison

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI Climate Adaptation Science Centers (CASCs)



- Althea Walker, American Indian Higher Education Consortium
- SW CASC Tribal Climate Resilience Liaison

Regional Support– Tribal Climate Resilience Liaisons

Tribal Climate Resilience Liaisons are located at Regional DOI Climate Adaptation Science Centers (CASCs)



- Chas Jones, Affiliated Tribes of NW Indians
- NW CASC Tribal Climate Resilience Liaison

Regional Support– Tribal Climate Resilience Liaisons

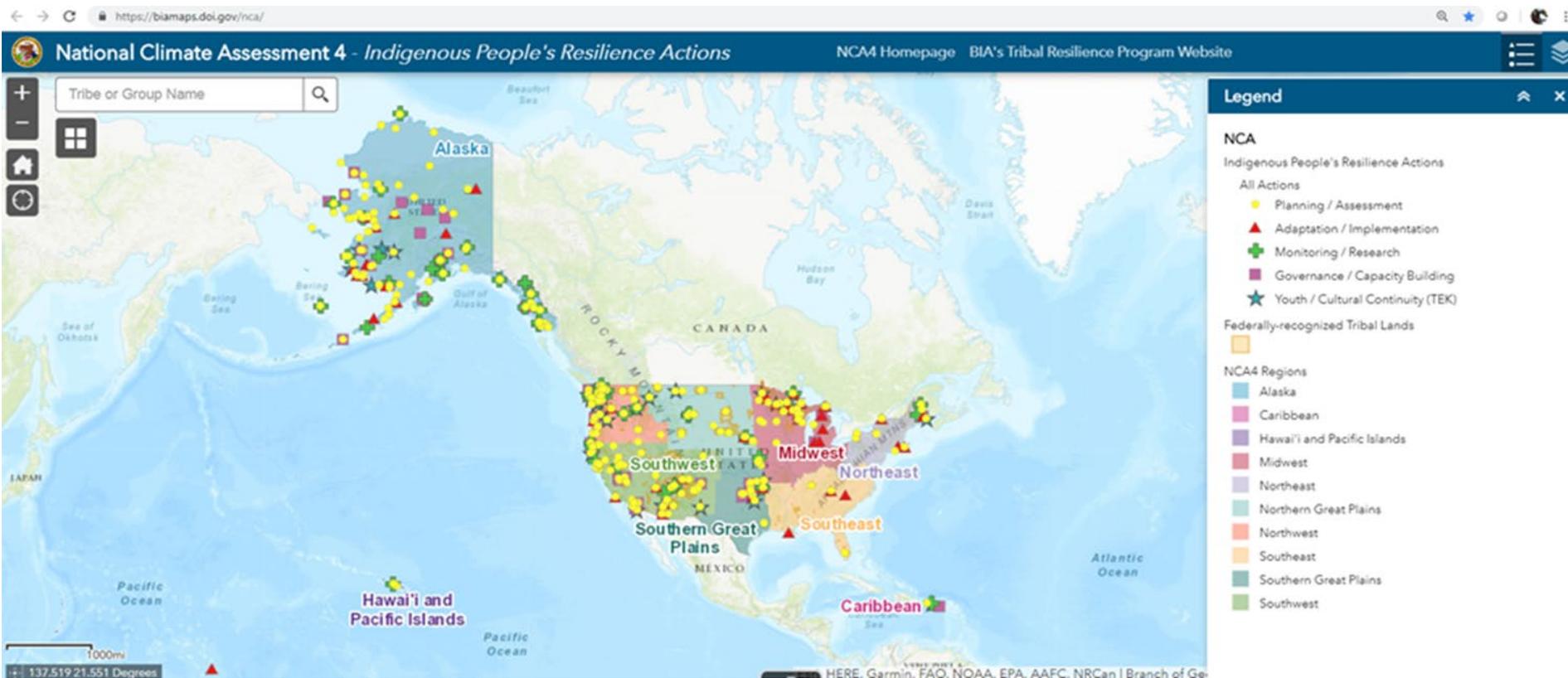
Tribal Climate Resilience Liaisons are located at Regional DOI
Climate Adaptation Science Centers (CASCs)



- Malinda Chase, Aleutian Pribilof Islands Association
- AK CASC Tribal Climate Resilience Liaison

Don't know where to start? Examples

- *Indigenous Peoples Resilience Actions Map* (>1100 entries!)
- Search the online version of the map by activity type, region, and sector to find more information and links to each project: <https://biamaps.doi.gov/nca/>



Don't know where to start?

Tribal Climate Change Guide

The Tribal Climate Change Guide is part of the Pacific Northwest Tribal Climate Change Project. For more information, visit: <http://tribalclimate.uoregon.edu/>. If you would like to add to or amend this guide, please complete this [google form](#). If you have additions or suggestions for this website, please email kathy@uoregon.edu

- Funding
- Tribal Adaptation Plans
- Tribal Climate Resources
- Climate Programs
- Scientists
- Publications
- Health
- Climate Education
- Disaster Resources
- Jobs
- Events

Funding

The Tribal Climate Change Funding Guide is intended to provide up-to-date information on grant opportunities. The guide is updated regularly, so please check back often. If you have questions or updates for this guide, email: kathy@uoregon.edu with the subject line "12/31/2020" as the grant deadline. This ensures that those grants will appear immediately after the deadline.

Search by Keyword

Geography

- Any -

Apply

Reset

Title	Organization	Grant Deadline	Description
National Coastal Resilience Fund	National Fish and Wildlife Foundation, NOAA	04/07/2021	National Coastal Resilience Fund 2021 Request for Proposals (RFP). NFWF is pleased to announce investments in projects that will help protect coastal communities from sea level rise and enable them to recover more quickly and enhance their resilience. https://www.nfwf.org/programs/national-coastal-resilience-fund




**Bureau of Indian Affairs Tribal Resilience Program
2020 Funding Awards Summary**

Total Number of Awards: 159 Total Amount Funded: \$14,447,335

Category 1: Trainings and Workshops
To design and host regional or national tribal training(s) or workshop(s) that will assist tribal leaders, program coordinators, planners, and managers in developing the skills necessary to address extreme events and harmful environmental trends by developing tribal adaptation plans, or management options, through in-person and webinar trainings and workshops.

Number of Awards: 13 Amount Funded: \$1,851,937




**Bureau of Indian Affairs Tribal Resilience Program
2019 Funding Awards Summary**

Total Number of Awards: 119 Total Amount Funded: \$8,731,454

Category 1: Trainings and Workshops
To Design and Host Opportunities to Build Skills and Coordinate Adaptation Planning Processes

Number of Awards: 13 Amount Funded: \$1,803,655

<https://tribalclimateguide.uoregon.edu/>

<https://www.bia.gov/bia/ots/annual-awards-program>

National Climate Assessment

FOURTH NATIONAL CLIMATE ASSESSMENT

CHAPTER 15: TRIBES AND INDIGENOUS PEOPLES



Regional Chapters all include Indigenous-focused content and Key Messages

<https://nca2018.globalchange.gov/chapter/15/>

Regional Fact Sheet available in Tribal Resilience Resource Guide

SOUTHERN PLAINS REGION (SPL RO) FACT SHEET

Description of Region: The Southern Plains Region includes portions of Western Oklahoma, in addition to TX and KS, so it works closely on climate issues with the Eastern Oklahoma Region. Both BIA Regions also coordinate with the South Central Climate Center, which provides on-site tribal liaisons for Chickasaw and Choctaw Nations, and support tribes through the region with training, assessment services, data, and planning support.

Federal Links: Select the Agency Acronym for the full Agency Fact Sheet and the link to its right for a more specific regional contact or homepage. Choose *Affiliated Tribal Fact Sheets* to access a Fact Sheet for each Tribe in this Region.

BIA: [Southern Plains - Affiliated Tribal Fact Sheets](#)

BOEM: [Gulf of Mexico OCS Region](#)

EPA: [R6](#)

USDA CLIMATE HUB: [Southern Plains](#)

CSC: [South Central](#)

DOT/FWHA: [Southern Plains](#)

BLM: [KS OK TX](#)

FEMA: [R6](#)

USDA NRCS: [Locator](#), **USDA USFS:** [Southern](#)

LCC(s): [Gulf Coastal Plains and Ozarks](#)

DOE: [KS](#) [OK](#) [TX](#)

FWS: [Southwest](#)

HUD: [Southern Plains](#)

NOAA: [Region](#), **RISA:** [SCIPP](#)

Services

- [Tribal Climate Resilience Program \(BIA\)](#)
- [Tribal Programs and Services \(USDA\)](#)
- [Tribal Government Support \(EPA\)](#)
- [NIDIS Tribal Engagement \(Drought Portal\)](#)

Products

- [BIA S. Plains Region Climate Map](#)
- [BIA S. Plains Region Fact Sheet](#)
- [EPA: Climate Impacts in the Great Plains](#)
- [GIS for Tribal Resilience - Southern Plains UC17](#)
- [SPL CC Vulnerability, Adaptation & Mitigation Strategies](#)
- [SPL Regional Assessments](#)
- [Tribal Nations Theme in Climate Data Initiative](#)

Funding

- [Tribal Funding by Strategy](#)
- [Other Funding Opportunities \(TCCG\) - Choose Geography: SE, SW and Any](#)

Tools

- [CRT Tool: Guidelines for Considering Traditional Knowledges in Climate Change Initiatives](#)
- [CRT Tool: Tribal Climate Change Guide \(TCCG\)](#)

Training

- [Tribal Climate Change Adaptation Planning](#)

Examples

- [Nationwide Tribal Climate Case Studies](#)

Regional Groups

- [NNCAP SW Tribal CC Network](#)

Tribal Fact Sheet available in Tribal Resilience Resource Guide

Names (Federal Register): *Navajo Nation, Arizona, New Mexico & Utah*

Federal Links: Select the Agency Acronym (blue link) for an Agency Fact Sheet and the orange link to its right for regional contacts or homepage.
For more information, hover over a link for agency or program details before making a selection.

Tribal: [Official Website](#) (or group site)

CSC: [Southwest](#)

USDA CLIMATE HUB: [Southwest](#)

EPA: [R9](#) FEMA: [R9](#)

BIA Region: [Navajo Regional Fact Sheet](#)

Navajo Regional Office

LCC: [Southern Rockies](#)

USDA NRCS: [Locator](#) USDA USFS: [Southwestern](#)

DOT/FWHA: [Mountain West](#)

DOE: [AZ](#)

FWS: [Southwest](#)

NOAA: [Region](#) RISA: [CLIMAS](#)

HUD: [Southwest](#)

▶ Awards

- FY11 Climate Adaptation Planning
- FY15 Management Internships
- FY15 Travel (Climate)
- FY15 Youth Engagement
- [FY16 Climate Adaptation Planning](#)
- FY16 Travel (Climate)
- BIA TCRP FY11-16 Awards Map
- More Climate Funding Options

▶ Groups

- Dine College
- Native American Fish and Wildlife Association (NAFWS)
- Navajo Technical College

▶ Documents

- [Connectivity of Habitats on Navajo Nation Lands](#)
- [Considerations for Climate Change and Variability Adaptation on the Navajo Nation](#)
- [NN CC Vulnerability Assessment for Priority Wildlife Species](#)

▶ Tools

- [Tribal Drought Information for Monitoring, Assessment, and Planning \(DRI MAP\)](#)
- [CRT Tool: Guidelines for Considering Traditional Knowledges in Climate Change Initiatives](#)
- [CRT Tool: Tribal Climate Change Guide](#)
- [CRT Tool: Tribal Climate Change Adaptation Planning Toolkit](#)
- [Other Tribal Nations Examples](#)

▶ Examples

- [CRT Case Study: Navajo Nation: Hotter, Drier Climate Puts Sand Dunes on the Move](#)
- [ITEP TCC Profile: Dune Study Offers Clues to Climate Change](#)
- [Other Tribal Nations Examples](#)

▶ Data & Maps

- [Conservation Planning Atlas](#)
- [EPA Climate Impacts by State for: AZ](#)
- [HUC8: 15020013 - Polacca Wash Resource Links](#)
- [NN Zoo: Facts on Desert Bighorn Sheep and Other Species](#)
- [NOAA NCEI AZ State Climate Summary](#)
- [Toolkit Climate Explorer 2.0: Projected Temperature & Precip - Apache County](#)
- [Toolkit Climate Explorer 2.0: Projected Temperature & Precip - Coconino County](#)
- [Tribal Nations Geospatial Data](#)
- [Tribal Nations Map Gallery](#)



Other Helpful Resources and Closing

Other Helpful Resources

- BIA's Tribal Resilience Program Home Page: <https://www.bia.gov/bia/ots/tribal-resilience-program>
- Tribal Resilience Resource Guide: <https://biamaps.doi.gov/tribalresilience/resourceguide/>
- NAU's Institute for Tribal Environmental Professional's <http://www7.nau.edu/itep/main/tcc/Resources/newsletters>
- UO's Tribal Climate Change Guide: <http://tribalclimateguide.uoregon.edu/>
- Cooperative Ecosystem Studies Units: <http://www.cesu.psu.edu/>

Thank you/Ahe'hee!

For more programmatic questions, please email rachael.novak@bia.gov
or alyssa.samoy@bia.gov;
For questions on the application process, please contact jo.metcalfe@bia.gov;

The presentation will be recorded and archived for those unable to attend the live session. A link to this will be available at the ITEP website here:
http://www7.nau.edu/itep/main/tcc/Training/Webinars_Schedule.

